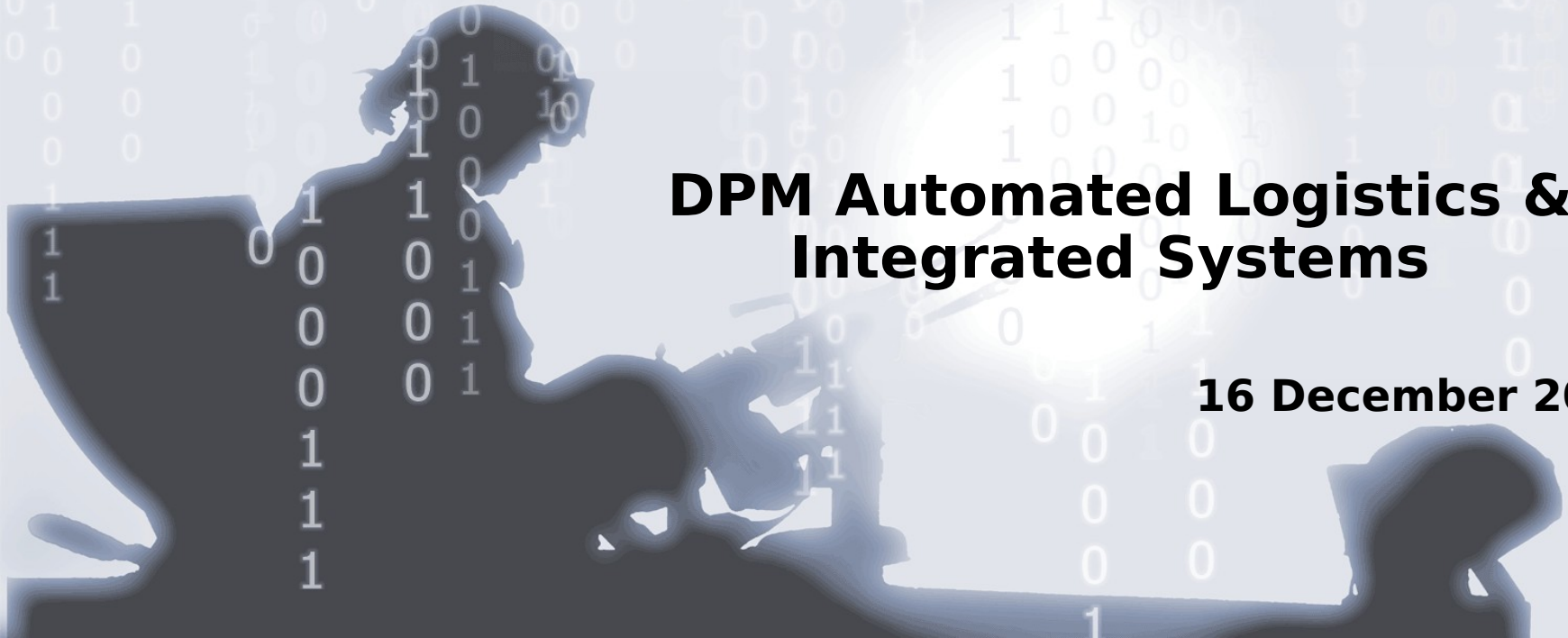


Current STAMIS Status Briefing

AMC-G3

DPM Automated Logistics & Integrated Systems

16 December 2003

Purpose

To provide AMC G3 with a Standard Army Management Information Systems (STAMIS) overview and update the multiple initiatives that are being recommended to prepare the STAMIS's for the next engagement

PM LIS Family of Current Systems

16 Current System Software Baselines

SARSS-1, 2AD, 2AC/B, & -GW
Stock Record Accounting & Supply Management for Classes II, III (Package), IV, VII, & IX (Less COMSEC). Asset Visibility & Cross Leveling Referrals
Jul 1995
650 SARSS Sys

SPBS-R
Property Accountability, Hand Receipting & Reporting
May 1990
1,725 SPBS-R Sys

SAMS-1, 2, I/TDA
Maintenance Shop Operations, Program Management & Supply Operations At All Intermediate Maintenance Levels
Rehost: Oct 1997
I/TDA: Sep 1995
1,658 Rehost Sys
183 I/TDA Sys

SAAS
Class V Management, Total Asset Visibility, Inventory Accountability, Materiel Management Activities
Jul 1998
521 SAAS Sys

ILAP
Produce Information Management Reports Combining Data from Several Standard Systems
PMO Mgt: Mar 1997
94 ILAP Sys (Servers)

JLWI
A Joint application that provides real-time asset visibility into Service logistics systen
PMO Mgt: Oct 2003

FMTP
A "system wrapper" which integrates military pay, travel, disbursing, and vendor services for deployment.
BOIP - 223 Systems

PBUSE
Property Accountability, Hand Receipting & Reporting
Being Fielded
641 PBUSE Sys (replaces SPBS-R)
365 PBUSE Sys (replaces ULLS-S4)

ULLS-S4
Bde/Bn S4, Company Supply Room, Property (Track, Report); Readiness (Summarize, Report); Expenditure (Record, Report); Planning (Estimate)
May 1996
10,220 ULLS-S4 Sys

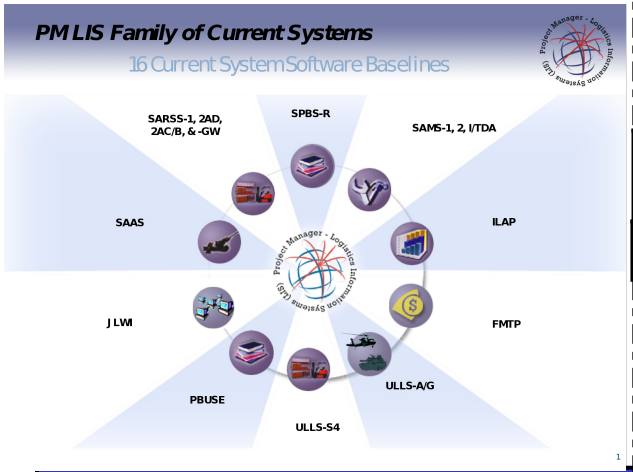
ULLS-A
Aviation Supply, (Order, Receive, Issue), Maintenance (Schedule, Monitor), Readiness (Record, Report)
Dec 1995
5,869 ULLS-A Sys

ULLS-G
Motor Pool, Supply (Order, Receive, Issue), Maintenance (Schedule, Monitor), Readiness (Record, Report)
Mar 1994
7,200 ULLS-G Sys

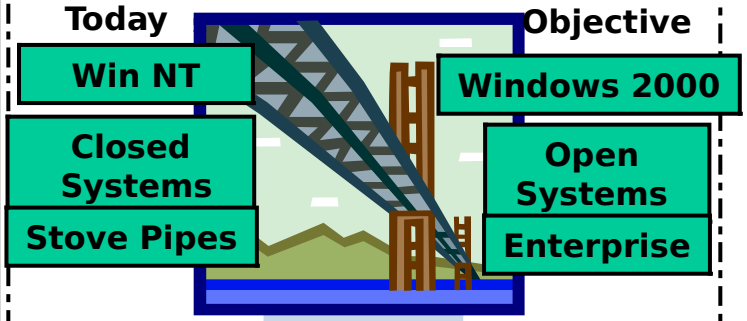
As of: 15 October 2003

Tactical Logistics Ahead → Way

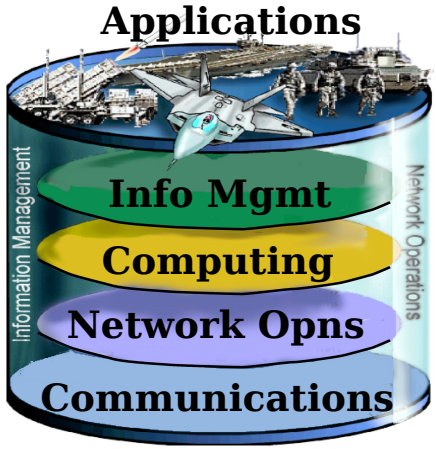
Today



Near-Term



Long-Term



FY03	FY04-FY07	FY08+
• Hardware Obsolescence • Security Vulnerabilities • Old Software Technologies • Lack Adequate Communications • Lack Funding to Stabilize Workforce • Components Not Available	• Migrate systems to Windows 2000+ • Migrate Off Of Windows NT • Consolidate to a Common COTS Hardware Platform to Reduce LOG Footprint • Insert New Technologies to Meet Required Mission Critical Needs • Continue Fielding of PBUSE	• Enterprise-wide Integration • Open Architecture • Latest Technologies • Employ Industry Best Practices • Web-Based • Complete Asset Visibility and Financial Management

STAMIS General Challenges

- **Moratorium on Army STAMIS upgrades except critical ECP-S**
  - This Key issue - Drives all other issues
  - Precluded upgrades to make systems more user friendly
  - Resulted in significant cut in S/W sustainment workforce
  - Resulted in hardware obsolescence
    - Closed architecture and numerous configurations
    - Performance well below soldier expectations

Continues to increase log footprint

- **Security**
  - No uniform NETCOM guidance
    - Each DOIM worldwide operates independently
    - Inconsistent standards
  - Number of emergency security patches overwhelming
    - Extensive resources required to meet NETCOM directives
    - NETCOM mandates fixes be implemented in 3-5 days

STAMIS face constant threat of removal from Net

STAMIS Problems / Shortcomings

SARSS	• **Lack of embedded 2D bar coding & RFID Tagging** • **Workstation S/W requires rewrite to be fully windows compatible**
SAAS	• **NGB not fielded to BOIP levels** • **Unable to manage training ammunition (TAMIS / SAAS interface)** • **Can not process various configured loads**
SAMS	• **Server/workstation S/W requires rewrite to become open architecture** • **Lack ability to modify/expand data feeds to LIDB**
ULLS-A	• **S/W requires rewrite to become open architecture** • **Multiple uniques competing for resources**
ULLS-G	• **No interface to allow Class VIII requisitioning for medical units**
ILAP	• **No institutional training**

Across the Board…Lack of adequate communications

Recommended Initiatives to Improve STAMIS

	FY 04	Cost ($M)
SARSS	•2D Bar Coding & RFID Tagging •Rewrite Workstation S/W to Win2000+ •Fund H/W for 650 SARSS-1 Servers •Funds Control •Exchange Pricing •CSCM-A	$ 16.5 (.5-OMA/16-OPA) $ 3.5 $ 3.5 (OPA) $ 1.5 (Fully Funded) $ 0.25 (.100 Funded) $ 1.36 (.895 Funded)
SAAS	• Field to full NGB BOIP • ECP-S for Configured Load • ECP-S for TAMIS interface	$ 1.08 (OPA) $ 0.75 (Fully Funded) $ 0.25
SAMS	•Convert Server/Workstations to Win2000+ •LIDB Interface Changes for NMP	$ 5.5 $ 0.75
ULLS-A	•Convert to Win2000+ •Reinstitute School House Training	$ 1.3 $ (TBD)
ULLS-G	•Convert to Win2000+ •ECP-S for Medical CL VIII	$ 0.94 $ 0.11
ILAP	•Develop institutional training	$ 0.853

UFR
OMA-
$14.33M
OPA-

Benefits of Implementing Initiatives

	FY 04	Benefit
SARSS	•2D Bar Coding & RFID Tagging •Rewrite Workstation S/W Code - convert to Win2000+ •Funds Control •Exchange Pricing •CSCM-A	•Improves ITV visibility to SSA Level •Allows use of COTS H/W & S/W •DA/AMC Transformation Initiatives get implemented in a timely manner
SAAS	• Field to full NGB BOIP • ECP-S for Configured Load (CL) • ECP-S for TAMIS interface	• NGB has assets for deployments • Right Ammo – Faster distribution • One accounting system for training & combat ammo
SAMS	•Convert server/workstation to Win2000+ •LIDB interface changes for NMP	•Allows use of COTS H/W & S/W •Timely updates to central database
ULLS-A	•Convert to Win2000+ •Reinstitute School House Training	•Allows use of COTS H/W & S/W •Soldier skills sustained
ULLS-G	•Convert to Win2000+ •ECP-S for Medical CL VIII	•Allows use of COTS H/W & S/W •Ties medical supply to standard supply STAMIS

SARSS 2D Bar-coding/RFID Tagging

- **PM ALIS non-concurred with LTA decision paper on AIT and Battlefield Portable SARSS as a stand-alone (3 Jul 03)**

- **DAG4 Task Force VTC convened on 6 Nov 03**
  - Agreed in principle on the concept of embedding 2D Bar-coding /RFID Tagging into SARSS-1
  - G4 has listed 2D Bar-coding/RFID tagging as part of their #1 priority

- **PEO EIS/PM EI/PM LIS staffs met on 21 Nov 03**
  - Agreed on SARSS embedding approach vs. BPS bolt-on
  - PM ALIS/PM AIT deploy team to AOR to survey AIT, SARSS and communications equipment
  - UFR to be submitted for $16.5M ($.5M OMA/$16M OPA)
  - Brief DA G4 to obtain approval on plan

- **PEO EIS approved concept and UFR on 5 Dec 03**

- **Upon receipt of funds – Estimate 9-12 months to field**

DAG4 has published their priority of effort: "First priority is supporting current operations and correcting shortcomings in our STAMIS …"

Unit Level Logistics Supply – Aviation (ULLS-A) Background

- The Standard Army Management Information System for all Army aviation units
  - Currently 5,869 ULLS-A systems in the field
  - PMO primary focus since 1997 ICS3 MAISRC decision has been basic sustainment and/or emergency ECP-S with limited hardware replacement

- Aviation community has developed numerous “unique or stovepipe” systems since 1997
  - These systems have cost the Army millions of dollars to develop and maintain
  - Benefits of each system are not shared across the community
  - Logistics tail to maintain the growing number of systems is increasing dramatically
  - They all scratch a unique itch, however, only one appears capable of replacing ULLS-A as a STAMIS or a “Bridge to the ERP”

ULLS-A Challenges

- Army needs to provide sufficient resources to PMO to maintain and enhance the system until the GCSS-Army ERP solution is in place
  - Current system is not fully Windows compatible
  - Hardware has not kept pace with industry standards
- Army leadership has allowed the aviation community to build uniques/stovepipes instead of enforcing discipline to ensure organizations use the Army requirements process
- At least six unique systems are now competing for resources with ULLS-A

ULLS-A Road Ahead

- A “Bridging Strategy” to get us to the ERP needs to be established, approved, and implemented

- COA 1**: CTS-A as the next ULLS-A Software Change Package**
  - PM ALIS is currently evaluating the Common Transitional System - Aviation to determine its current state
  - Obtain current CTS-A funding and $20M POM wedge
  - Field to Army as an ULLS-A Software Change Package
  - Incorporate critical functionality from other uniques such as AMAC

- COA 2: **Modernize ULLS-A**
  - Finish current effort to make ULLS-A fully Windows compatible
  - Enforce discipline on the community to ensure MACOMs follow the established Army requirements process
  - Use the Army’s Aviation Logistics Transformation Work Group (ALTWG) as the conduit to enforce the discipline and approve/ prioritize requirements that need to be incorporated into ULLS-A

CTS-A as the next ULLS-A SCP

- **PM ALIS staff met with Chief of Staff of Army (CSA) Aviation Task Force on 21 Nov 03 to determine path ahead**
- **Decision was made to do a comparison study of ULLS-A vs. CTS-A during the week 1st week of Dec 03**
- **Comparison study showed promise and all parties agreed to continue effort at Ft. Campbell during week of 17 Dec 03**
- **Follow-on meeting scheduled for 2 Jan 04 to review the effort to date and propose a plan ahead if study continues to show progress**
- **Brief the Worldwide Aviation Logistics Conference in Feb 04 and obtain approval from the General Officer Review Board to proceed**

Summary

- **Revisit moratorium terms**
  - Determine appropriate level for operational floats/spares
  - Establish replacement/upgrade requirements for old H/W

- **Implement 2D Bar-coding/RFID Tagging**
  - DA G4 agrees in principle on the concept
  - PEO EIS approved integration
  - PEO EIS staff to submit UFR for $16.5M to HQDA for this effort

UFR
OMA-
$14.33M
OPA-
$20.58M

- **Obtain funding to support ULLS-A:**
  - COA 1: CTS-A as the next ULLS-A SCP (preferred)
  - COA 2: Modernize existing ULLS-A (alternative)

- **Support M-Group Initiative to enhance capabilities of the three current logistics systems (ULLS-G/SAMS-1/SAMS-2)**

Current Army Logistics Automation Mission is real world and must be supported until replacement

M-Group Initiative

- **$6.8M Congressional plus-up to conduct a Proof of Concept**
- **M-Group workgroup convened 1st week of Dec 03 to determine feasibility of using M-Group to help build "STAMIS Bridge to the ERP"**
- **Workgroup developed a proposed plan that would enhance three systems (ULLS-G/SAMS-1/SAMS-2) by making them fully Windows 2000+ compatible**
- **Draft Statement of Work has been developed and presented to M-Group**
- **M-Group to make final decision in Dec 03 and submit proposal by mid January**